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PATENT

Attorney Docket No.: 393551
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/976,210
Applicant : Victor F. Petrenko
Filed : 11 October 2001
Title : HIGH FREQUENCY MELTING OF INTERFACIAL
ICE
TC/A.U. : 3742
Examiner : VAN, QUANG T
Confirmation No. : 1402

Mail Stop: AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE UNDER 37 CFR §1.116

Sir:

These remarks are responsive to the final office action of December 27, 2005.
Please amend the above-identified application as follows:

Amendment to the Claims begin on page 2 of this paper.
Remarks begin on page 7 of this paper.

02/03/2006 CNGUYEN 00000069 120600 09976210

01 FC:1201 600.00 DA

1 of 9
U.S. Patent Application Serial No.: 09/976,210



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February 2, 2006

From: Curtis A. Vock

Matter No.: 393551

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Number of Pages Transmitted (Including this cover sheet): 14

Message:

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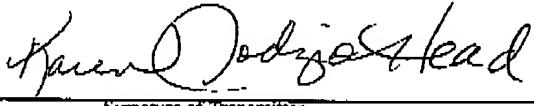
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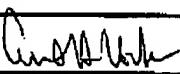
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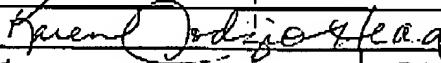
FEB 02 2006

CERTIFICATE OF FACSIMILE TRANSMISSION 37 CFR 1.8			Matter No.
Applicant(s): Victor F. Petrenko			393551
Serial No.	Filing Date	Examiner	Group Art Unit
09/976,210	October 11, 2001	Quang T. Van	3742
Invention High-Frequency Melting Of Interfacial Ice			
<p>I hereby certify that the following: Facsimile Cover Sheet (1 page); Transmittal (1 page); Amendment And Response Under 37 CFR 1.116 (9 pages); Fee Transmittal For FY 2005 (1 page in duplicate); authorization to charge Deposit Account No. 12-0600 in the amount of \$600.00 for the extra independent claims; authorization to charge additional fees that may be required, or credit any overpayment, to Deposit Account No. 12-0600; are being sent via facsimile transmission to Mail Stop: AF, c/o the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2nd day of February, 2006</p>			
<p><u>Karen Jodzio-Head</u> Name of Transmitter</p>			
 Signature of Transmitter			
<hr/> <p>(571) 273-8300 Facsimile No.</p> <hr/>			

TRANSMITTAL FORM		Application Number	09/976,210
		Filing Date	October 11, 2001
		First Named Inventor	Victor Petrenko
		Art Unit	3742
		Examiner Name	Quant T. Van
(to be used for all correspondence after initial filing)		RECEIVED CENTRAL FAX CENTER	
Total Number of Pages in This Submission		14	FEb 02 2006
		Attorney Docket Number	393551

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation/ Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Facsimile Facsimile Cover Sheet
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	LATHROP & GAGE LC		
Signature			
Printed Name	Curtis A. Vock		
Date	February 2, 2006	Reg. No.	38,358

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Karen Jodzio-Head	Date	February 2, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 600.00)

Complete if Known

Application Number	09/876,210	RECEIVED
Filing Date	October 11, 2001	CENTRAL FAX CENTER
First Named Inventor	Victor F. Petrenko	
Examiner Name	Quang T. Van	FEB 02 2006
Art Unit	3742	
Attorney Docket No.	393551	

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify) :

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Under 37 CFR 1.16 and 1.17

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fees Paid (\$)
Utility	300	150	500	250	200	100	—
Design	200	100	100	50	130	65	—
Plant	200	100	300	150	160	80	—
Reissue	300	150	500	250	600	300	—
Provisional	200	100	0	0	0	0	—

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Small Entity
Fee (\$)

Fee (\$)

50 25

200 100

360 180

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)	Fee (\$)
21	-21 or HP= 0	x \$50	= \$0			

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
6	- 3 or HP= 3	x \$200	= \$600	Fee (\$)

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

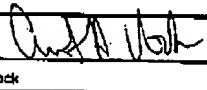
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
—	- 100 = —	/ 50 = — (round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	38,358	Telephone	(703) 931-3011
Name (Print/Type)	Curtis A. Vock			Date	February 2, 2006

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